



USC University of Southern California

Technical Architect Job Description

JOB INFORMATION

<i>Job Code:</i>	165459
<i>Job Title:</i>	Technical Architect
<i>FLSA Status:</i>	Exempt
<i>Supervisory:</i>	Leads employees performing similar work on a project basis.
<i>Job Family:</i>	Technical Project Management
<i>Job Family Group:</i>	Information Technology
<i>Management Level:</i>	7 Individual Contributor

JOB SUMMARY

Provides technical leadership, analysis and design facilitation across business, information, technical and solution viewpoints and enterprise architecture. Partners with business teams and stakeholders to scope projects and define high-level requirements. Develops appropriate enterprise-level application and custom integration solutions. Ensures that system architectures are functional, robust and appropriate for the specific business and technical needs. Defines multi-year architectural evolution and roadmaps for university-wide improvements that align with the reference architectures. Conducts research in emerging technologies and continuously identifies technologies with high-potential business value. Develops and integrates technology acceleration and innovation processes. Serves as a Subject-Matter Expert.

JOB QUALIFICATIONS:

Education

<i>Req</i>	<i>Pref</i>	<i>Degree</i>	<i>Field of Study</i>	
X		Bachelor's degree		
	X	Master's degree	Computer Science	Or
	X	Master's degree	Computer Information Systems	Or
	X	Master's degree	Business Administration	

Additional Education

Check here if experience may substitute for some of the above education.

Combined experience/education as substitute for minimum education

Work Experience

<i>Req</i>	<i>Pref</i>	<i>Work Experience</i>	<i>Experience Level</i>	
X		10 years		

Additional Work Experience

Check here if education may substitute for some of the above work experience.

Combined experience/education as substitute for minimum work experience

Knowledge, Skills and Abilities

<i>Req</i>	<i>Pref</i>	<i>Functional Skills</i>
X		Recognized subject matter expertise in at least one IT discipline (e.g., Networking, Information Security, High-Performance Computing, Cloud Computing, Software Engineering, IT Infrastructure).
X		Excellent presentation and communication skills.
X		Demonstrated ability to lead in a highly matrixed, heavily federated organization through a combination of influence, partnership, and authority.
X		The ability to create original concepts/theories for various projects and to work independently.
	X	Recognized subject matter expertise in multiple IT disciplines (e.g., Networking, Information Security, High Performance Computing, Cloud Computing, Software Engineering, IT Infrastructure).
	X	Strong analytical, research and conceptual skills.
	X	Ability to develop and maintain key relationships to achieve business objectives essential.
	X	Extensive knowledge in the use of Project Management and Enterprise Architecture methodologies and tools.
	X	Strong leadership skills.

Other Job Factors

JOB ACCOUNTABILITIES

	<i>% Time</i>	<i>Essential</i>	<i>Marginal</i>	<i>N/A</i>
Provides technical leadership, analysis and design facilitation across business, information, technical and solution viewpoints and enterprise architecture. Leads the effective integration of the enterprise architecture process with other related processes (e.g., investment, enterprise program, IT portfolio and project management) for the university.				
Partners with business teams and stakeholders to scope projects and define high-level requirements. Develops appropriate enterprise-level application and custom integration solutions including major enhancements and interfaces, functions and features and validates that the proposed solution architecture supports the stated and implied business requirements. Drives solution architectures from ideation through release and support.				
Ensures that system architectures are functional, robust and appropriate for the specific business and technical needs. Reviews technical team deliverables for compliance with architecture standards, guidelines and leverages best practices. Plans and leads transitions to integrated infrastructures, identifying training needs and delivering training as needed. Ensures delivered solutions are monitored, have a support plan, and adequate business controls. Provides architecture and technical support during production incidents.				
Defines multi-year architectural evolution and roadmaps for university-wide improvements that align with the reference architectures.				
Conducts research in emerging technologies and continuously identifies technologies with high-potential business value and specifies their appropriate usage in developing business solutions. Conducts technology trends studies and publishes trend reports on an annual basis.				
Develops and integrates technology acceleration and innovation processes with the overall project management practices, Engineer-to-Engineer processes, and software development lifecycle.				
Serves as a Subject-Matter Expert (SME) to individual projects in the areas of IT architecture and technology selection decisions.				

Other Requirements

<i>Essential:</i>	<i>Emergency Response/Recovery</i>	<i>Essential:</i>	<i>Mandated Reporter</i>
	In the event of an emergency, the employee holding this position is required to “report to duty” in accordance with the university’s Emergency Operations Plan and/or the employee’s department’s emergency response and/or recovery plans. Familiarity with those plans and regular training to implement those		A mandated reporter who in his or her professional capacity has knowledge of, or reasonably suspects a person who is under the age of 18 years, elderly, or a dependent adult has been the victim of abuse or neglect must report the suspected incident. The reporter must contact a designated agency immediately or as soon as practically possible by

